

FOLIO

University of Alberta

6 February 1986

Staff Honored for Long Service

Question: What have Eldon Fowler (Civil Engineering), Bill Lakey (Surgery) and Roy Berg (Agriculture and Forestry) in common? Among other things—growth in their respective professions, for example—each was honored last week with 57 colleagues for many years of dedicated service to this University and the people of Alberta. The function at which these people were honored took place on 28 January at the Faculty Club.

Hosted by the Board of Governors, specifically the Board's Educational Affairs Committee (BEAC), the function began at 3 p.m. with a wine and cheese reception, with presentations to members of our academic and academic staff beginning at 3:30 p.m.

President Horowitz welcomed the assembled guests and Janet Bentley, Chairman of BEAC, introduced the first group of people being honored for 25 years of service. Governors Kozar, Wachowich and Shinkaruk followed, each presenting people with 25 years' service, and making short statements about their careers. Each person received, as a token of the University's gratitude, a mounted brass plaque.

The second group of employees honored had served 30 years. These were introduced by Governors

White and Mactaggart. They received engraved pens and certificates suitable for framing.

The last group, people who have been employed here for 35 years, were presented by Chancellor Savaryn. They also received certificates and, as lasting mementos, bookends bearing their names and the University emblem in cast bronze. Following the presentations, Dean Berg thanked the Board for arranging the awards ceremony. President Horowitz, noting that the accumulated service amounted to 1,605 years, paid tribute to the examples of excellence afforded our community.

Question: Which students might have been responsible over four decades ago for carrying off the Rutherford Library foundation stone? (It was returned under threat of expulsion by then President Newton.)

Twenty-five Years

Peter F. Adams (Civil Engineering)
Irene Barnes (Library)
Douglas D. Barry (Extension)
Alfred Berger (Physical Plant)
John Bors (Building Services)
Robert J. Buck (Classics)
W.A. Doug Burns (Board of Governors)
James N. Campbell (Microbiology)
Oswald Dombrowski (Building Services)
Willard Dylke (Pharmacy)
Glen A. Eyford (Educational Foundations)
James F. Forrest (English)
Eldon Fowler (Civil Engineering)
Zenia Hawrysh (Foods and Nutrition)
Edgar Howarth (Psychology)
Doris Jones (Office of the Comptroller)
Fred Kubsch (Support Services Division)
William H. Lakey (Surgery)
Barbara Leah (Arts)

A. Eugenia Lipinski (Provincial Laboratory)
James G. MacGregor (Civil Engineering)
Patrick D. McCrae (Stomatology)
Shirley Main (Western Board of Music)
Edmund Manweiler (Physical Plant)
Edward Maycher (Animal Science)
John W.R. McIntyre (Anaesthesia)
Bruce W. Mielke (Pathology)
Gary Minchau (Animal Science)
Ivo Moravcik (Economics)
David W. Murray (Civil Engineering)
Walter K. Nader (Chemical Engineering)
Marshall A. Nay (Secondary Education)
Willard F. Reese (Elementary Education)
Joseph R. Royce (Theoretical Psychology)
Hardy Schmidt (Building Services)
Allen R. Vanderwell (Student Counselling)
Gordon Verburg (Arts-Language Laboratories)
Joseph Warwaruk (Civil Engineering)
Gordon R. Webster (Soil Science)
Walter H. Worth (Educational Administration)
Edwin D. Zemrau (Physical Education and Sport Studies)

Thirty Years

Fred Bearham (Provincial Laboratory)
John W. Bilstrand (English)
James B. Haddow (Mechanical Engineering)
James S. Kennedy (Mechanical Engineering)
Arleigh H. Laycock (Geography)
Arnold Logan (Chemistry)
Stephen W. Mendryk (Physical Education and Sport Studies)
Lilly E. Mueller (Provincial Laboratory)
James R. Pounder (Mathematics)
James A. Robertson (Soil Science)

Planning for 'Canada, the World and the Future' in High Gear

Feelers are still out but it can be reported that the Fourth Annual Conference on "Canada, the World and the Future" will be held 10 to 14 March, primarily in Bernard Snell Hall.

Chairman L.C. Green and the 12-member organizing committee have defined a number of sessions, including those on Canadian culture, free trade, Canadian multinationalism and social responsibility, the ethics of new medicine and mastering space.

Guest speakers and other details will be announced shortly.

As has been the case right along, the conference is open to University staff and students and to the general public. □

Raymond Schraa (Plant Science)
Patrick Seymour (Devonian Botanic Garden)
Lawrence B. Smillie (Biochemistry)

Thirty-five Years

Roy T. Berg (Agriculture and Forestry)
D.F. Tim Cameron (Anaesthesia)
Walter D. Gainer (Economics)
Denis Goodale (Accounting) □

Contents

- Operating budget principles and policies approved
- Advances in computer graphics
- 'Activities'
- Roscoe signon directory
- Milestone for UNIX



Quote

"I cannot find it in any reputable dictionary, but no doubt it's in a disreputable one."

GFC member Peter Wood commenting on the use of the word "epistitial" in the Facilities Development Committee's Annual Report 1985. □

GFC Endorses Operating Budget Foundation

With another fiscal year closing in, Council found the Operating Budget Principles and Policies 1986-87 on its plate. Deans and Directors and the Vice-Presidents held planning meetings in November and December and, as President Horowitz pointed out, if there is a beginning of the 12-month cycle perhaps this (GFC meeting) is it.

The principles and policies state that if it is deemed essential to invoke a position freeze for purposes of providing flexibility in advance of a stringency tax, such freeze will be applied in so far as possible as a partial freeze, leaving unit heads the discretionary power to decide which vacancies, academic and/or non-academic, are to be exempted from controls. However, Vice-President (Administration) Allan Warrack expressed confidence that a position freeze in the next two years would be unlikely.

The motion to approve the operating budget principles and policies was carried by a wide margin.

Also gaining approval was a policy for international students prepared by the President's Advisory Committee on International Affairs. Among the stated objectives are "to strive for student representation from as many countries and cultures and in as many fields of study as possible" and to provide such services as basic information prior to departure for Canada to assist in preparation for arrival, arrangements for airport reception, assistance with immigration procedures and emergency financial assistance.

The policy also has the objective of "working towards the abolition of differential fees for international students and the removal of barriers to students and their spouses seeking temporary employment while in Canada." (A foreign student must not work in this country unless it's essential to his study, for example, a graduate assistantship.)

Students' Union President Mike Nickel said that a proposal to contribute \$12,000 to the International Student Centre was

currently before Students' Council.

The following policy concerning physical requirements for University courses will be printed in the *University Calendar*: "The University has a commitment to the education of all academically qualified students and special services are regularly provided on campus to assist disabled students.

"Nevertheless, some courses make certain unavoidable demands on students, with respect to the possession of a certain level of physical skill or ability, if the academic objectives of the course are to be realized. In cases of doubt, students are advised to contact the Department concerned and the Disabled Student Services Co-ordinator, Office of the Dean of Student Services.

"Since support services cannot be guaranteed for off-campus courses, instructors may be obliged to refuse registration in such courses."

The statement was developed because various instructors were unclear as to what they could or could not do when a given course incorporated physical requirements as an essential aspect of its curriculum. The majority of enquiries related to off-campus courses.

The annual report (1984-85) of the GFC Conference Funds Committee was received. During the reporting year, the committee dealt with 24 applications for assistance and approved all but one. This, said the report submitted by Chairman J Nursall, is a decline of about 25 percent from the previous year, which, in its turn represented a 25 percent drop from 1982-83. It would appear that the economic slump and budget uncertainties, to which the decline was attributed in the report of 1983-84, is still having its effect.

In 1984-85, the total amount of funds requested by applicants was \$103,607.75. The total allocated to applicants was \$29,236.30.

It was reported for information that, in accordance with provisions of *The Universities Act* and GFC policy, the 48 faculty seats and 48 student seats on Council have been reapportioned. Faculty seats and student seats have been reduced by two each as a result of the reduction in the number of *ex officio* members from 25 to 24.

Prior to the start of the meeting, A.A. Ryan, Professor Emeritus of English, delivered an oral tribute to the late Robert Newton. □

FOLIO

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University
of
Alberta

Deadlines:

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Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30¢ per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 p.m. one week in advance of desired publication date. Contact Public Affairs for sizes, rates and other particulars.

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Folio contents may be reprinted with acknowledgment.

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Conference for Human Resource Practitioners

Personnel Services and Staff Relations would like to make the University community aware of the conference "Horizons: Priorities, Strategies and Results."

The conference, constructed with human resource practitioners in mind, will take place 9, 10 and 11 March at the Westin Hotel.

The focal point is future trends in human resource management. Emphasis will also be placed on "how to."

Speakers include international consultant John Jones ("Strategies for Organizational Change"); Stephen Gibson, editor of the Employment Law Report, ("Employment Equity"); John Amatt, a climber on the Canadian Mount Everest Expedition ("What it Takes to Get to the Top"); and Bob Rideout and Hilda Hall of Ford of Canada on that firm's "Participative Management Program."

The conference, sponsored by the Personnel Association of Edmonton, should be of value to anyone wanting to expand their knowledge and skills in the human resources field.

Suzanne Russel (429-1407) has conference registration information. □

Solicitors Establish Prize for Legal Responsibility Course

The law firm of Field and Field has established the Master L.D. Hyndman Prize to be awarded annually to the student obtaining the highest marks in the Legal Responsibility course at the University of Alberta.

The value of the prize is \$500. The prize is named after L.D. Hyndman, Q.C., a graduate of the University of Alberta in 1927. Field and Field have been the University's solicitors since approximately 1918 and Mr. Hyndman represented the University on a number of occasions. □

Computer Graphics Arrives

Computing Services and the Graphics Division of Technical Services have implemented a method of producing slides from computer graphics.

Computer graphics software is used to create the visual image on a computer screen. The information is then transferred by telephone to a workstation at Technical Services. There the special Dicomod unit allows a graphic artist to view and, if necessary, touch up the slide to give it a professional look. Changes that might be made include making lines bolder, improving the slide layout, altering the text, and adding colors and/or hand-drawn artwork or logos.

After the "electronic slide" is checked and possibly modified, the slide information is transmitted by telephone to Toronto for processing. The physical slide is returned to the University by

courier within three working days.

Another innovation involving computer graphics comes from the Department of Radio and Television. It has developed a system that takes computer graphics directly from the computer and puts them on videotape. A common problem with computer graphic animations has been that they can't be packaged and sent to a colleague or taken to a conference and shown to a large audience. Now, computer graphics can be placed on videotape in a format which allows them to be handled as any other video signal. They can be used for animation sequences, given narration or a musical background, or combined with other video material into a program. This provides the means to prepare a full-scale media production which includes computer graphics. □



Former Vice-President to be Honored

Following the unveiling of a plaque naming the University Services Building in honor of former Vice-President (Facilities and Services) Ron Phillips, at 3 p.m., an informal reception will be held on 14 February from 3:15 to 5 p.m. in the Banquet Room, Lister Hall. Friends of Mr. Phillips and all Physical Plant personnel are cordially invited to attend both the ceremony and the reception on 14 February.

Rutherford Award Nominations

Nominations are being accepted for the annual Rutherford Award for Excellence in Undergraduate Teaching.

The award was established in 1982 to recognize publicly excellent teaching, to publicize such excellence to the University and the wider community, to encourage the pursuit of such excellence, and to promote informed discussion of teaching and its improvement at this University.

Nominations should be sent to: John Laing, Secretary, GFC Undergraduate Teaching Awards Committee (UTAC), 2-1A University Hall.

The deadline for receipt of nominations is 14 February.

1986 Summer Temporary Employment Program (STEP)

This Government of Alberta employment program is now officially under way for another year. Guidelines have been mailed to all Departmental Personnel Administrators. There have been a number of improved operating procedures which will facilitate over-all program administration. Application forms are available through departmental offices on campus.

Children's Drama Project

The University/Community Children's Drama Project (for 7-10 year olds) is being offered Wednesdays, 4:30 to 5:30 p.m., from 12 February to 7 May. To register, call Mrs. Kozub, 432-0430.

Chandra Mohan: Visiting Scholar From India

On 4 February, the Department of English welcomed Chandra Mohan, one of the two holders of 1985-86 Shastri Indo-Canadian Institute* Visiting Fellowships. Dr. Mohan will be with the department until the end of April. Dr. Mohan is a Senior Lecturer in English at Salwan College, an affiliated college of the University of Delhi. A graduate of Punjabi (BA, MA), Delhi (MLitt), and Agra (PhD) universities, Dr. Mohan specializes in the novel—particularly American and Indo-Anglian fiction. He is currently engaged in research involving a comparative study of nationalism in Canadian and Indo-Anglian fiction. Canadian literature, the study of which is now being undertaken at several Indian universities, is a new area of interest for Dr. Mohan, and he hopes to benefit from working at the University of Alberta Library and from talking to scholars in the English Department. He can be reached in 3-16 Humanities Centre, telephone 432-3969.

* The Shastri Indo-Canadian Institute, named after the late Lal Bahadur Shastri, India's second Prime Minister, was founded jointly by the Governments of Canada and India for the promotion of Indian Studies in Canada, and Canadian Studies in India. □

Library Science Receives Accreditation

The Committee on Accreditation of the American Library Association in conjunction with the Canadian Library Association has accredited the MLS program of the Faculty of Library Science for the third time. The BLS program was accredited in 1969, and the first MLS was accredited in 1979. The next visit will not likely take place until 1993.

The Faculty would like to thank its students, alumni, and the prairie library community for their response to the self-study which preceded the site visit in September 1985 and which provided the basis for program evaluation. The process involved a heavy commitment of time from the academic staff, all of whom participated in the preparation of the self-study.

The Faculty will be able to use much of the data collected to prepare for an internal University review, which all units on campus are being asked to undertake, a review which considers the future direction and development of the Faculty, its resources and its programs. This review will be completed during the summer of 1986, and another site visit scheduled some time in the fall. □



Peter Miller, Dean, Student Services, has been awarded an Association of Commonwealth Universities Senior Travelling Fellowship to enable him to visit a number of commonwealth universities to discuss problems in the administration of student exchange programs. Dr. Miller will be absent from campus during late February, March and April. During his absence, Allen Vander Well, Director of Counselling Services, has agreed to serve as Acting Dean, Student Services . . . Karol J. Krótki, University Professor/Sociology, attended a dinner reception for the retiring Chief Statistician of Canada, Martin B. Wilk. The reception was presided over by the Hon. Stewart D. McInnes, Minister Responsible for Statistics Canada, and the newly appointed Chief Statistician of Canada, Ivan P. Fellegi. As a farewell gift, friends of Dr. Wilk presented him with a motorcycle, apparently a lifelong dream, now fulfilled on retirement to a farm . . . Mayor Laurence Decore recently honored Golden Bears Hockey Coach Clare Drake with a Silver Ribbon Award. The award was presented in recognition of his record-breaking 556 wins as an intercollegiate hockey coach . . . Tom Priestly, Slavic and East European Studies, read the paper "Levels of Analysis of Sound Symbolism in Russian Poetry" at the Conference on Sound Symbolism, University of California at Berkeley, on 17 January . . . Kevin Mar, who completed his BFA in Art and Design in 1985 specializing in Industrial Design, was honored by the Government of Canada with the Canada Award of Excellence for Industrial Design in the Young Canadians category. The award, offered every year by Regional Industrial Expansion, recognizes achievements in Productivity, Entrepreneurship, Marketing, Labour/Management Cooperation, Invention, Technology Transfer, Innovation and Industrial Design.

Winter Cities '86: Something for Everyone

Winter Cities '86 will be held 15 to 19 February at various locations throughout Edmonton. It will look at the future of "winter city" business around the world and will feature speakers from 15 countries, including Mayor Itagaki of Sapporo, Japan.

Community events scheduled to complement the conference include activities at the Edmonton Art Gallery, Convention Centre, Rundle and Hawrelak Parks, Edmonton Centre, and the Centennial Library. Program highlights are: a symposium and United Nations Colloquium designed to exchange ideas and technologies to help us understand and enjoy winter in the city; an exhibits show to acquaint people with products and technologies; a Cold Weather Clothing project, the first ever assembled in Canada, highlighting a century of trends in winter styles; and a wide-ranging program of community events, including free

dogsled rides, a fun run, a snowshoe workshop with free "rentals", an overnight campout with Scouts and Guides, and a grand finale torchlight parade.

The University is contributing in various ways to Winter Cities '86. Of note is the unique Cold Weather Clothing project, organized by Anne Lambert and Allison Gray of the Clothing and Textiles Department. Developed through the Historic Costume and Textile Study Collection, the exhibit depicts 100 years of dressing for the cold. You will be able to see how early residents dressed for cold weather and learn more about today's methods of staying warm (by having your clothing photo-tested for heat loss and asking a computer how to dress more effectively against the cold). This particular exhibit will be on display at the Convention Centre from 14 to 28 February. □



Chemistry instructor "Ted" Leavell negotiates the reaches of Quad circa 1919-20. Photo: University Archives.

Roscoe Lights Up the Screen

The gods had Mercury at their beck and call. Mortals at the University of Alberta rely on Roscoe's messaging facility. A singing telegram or a phone call is more personal but for speed and accuracy Roscoe (a.k.a. Remote Operating System Conversational Online Environment) is Mr. Reliable.

One can send a message simply as SEND KEY= /message under 60 characters/ or SEND AWS KEY= will send the contents of your Roscoe workspace to the designated person where KEY= a registered Roscoe ID.

A directory of Roscoe 'KEYS' cross referenced to names is available for consultation. The directory is based on voluntary participation by the users. To access, just key R2.SENDER.

All Roscoe users are encouraged to add their name to the directory and utilize the message facility. If you are not yet registered on Roscoe and would like to be, call the Office of Administrative Systems (OAS) Customer Support Centre, 432-4572.

Copy for Folio can be sent to Ron Thomas via this medium. In Roscoe, key SEND AWS KEY=COR08. For notices of lectures, seminars, etc. key SEND AWS KEY=COR10 (Tamie Heisler).

Roscoe, now some 10 years old, has been a fixture here since 1981. He's available upon request to anyone with a PC or terminal connection to the OAS computer.

The line on him is if you're good to him, he'll be good to you.

How popular is he? OAS, Roscoe's warden, says that he's the main man for 460 people in 50 departments. A protean figure, Roscoe willingly provides the following capabilities: terminal

editor, job entry, job output to a terminal screen, source or text storage and file access. A programming facility (RPF) gives the Roscoe user the ability to develop customized programs that can be of assistance in virtually every area of data processing. The OAS Customer Support Centre provides an RPF service for automation of a person's repetitive and/or routine Roscoe tasks. □

Workshop Slated for Aquatic Studies

"Lakes and Off-Stream Storage Reservoirs: Water Quality, Fisheries and Recreation" will be the theme of the second annual Applied Aquatic Studies Workshop, 18 and 19 February, in the Biological Sciences Centre.

The workshop will consider such topics as Alberta issues and problems pertaining to lake recreation, fisheries and water quality; practical aspects of water quality in Western Canadian lakes; multiple use of offstream storage reservoirs and lakes in western

North America - practical experience and planned approaches; putting theories into practice; and Cold Lake - Beaver River Studies: developing a water management plan.

Workshop organizers include several members of the Zoology Department: Bill Mackay, Ellie Prepas, Bill Tonn and Pat Frey. The workshop is intended to attract a cross section of scientists interested in freshwater and fisheries in Alberta. □

Folio

Display Advertising

Folio is the official news publication of the University of Alberta, published every Thursday throughout the year (except for July and August when it appears bi-weekly). It has a regular distribution of 9,000 of which 7,800 copies are circulated to teaching and support staff, to graduate students and to other interested people on campus. The remaining copies are sent to provincial and municipal government personnel, news outlets, and businesses and people off-campus.

Sizes and rates

The basic unit size is 27 aggregate lines x 23 picas (3 7/8" x 2"). The full page is divided into 10 such units, any combination of which is available at a cost of \$35 per unit (minimum 1 unit). Half page cost: \$175. One column cost \$87.50. There is a 15% discount for University departments. A 10% discount is offered for five or more consecutive insertions.

Other specifications

Half-tones (100-line screen or less) are acceptable; no color or bleeds. Camera-ready copy is necessary; there is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work.

Deadlines

Deadline for submission is 3 p.m. one week in advance of desired publication date. Acceptance of advertisements and positioning are at the discretion of the Editor. For more information, telephone (403) 432-2325 and ask about *Folio* display advertising, or write to:

Folio Display Advertising
Office of Public Affairs
423 Athabasca Hall
University of Alberta
Edmonton, Alberta T6G 2E8

Supercomputer Offers Time for R&D

The University of Calgary is offering Western Canadian firms and institutions complimentary time on its \$17 million Cyber 205 supercomputer. The Province's Department of Economic Development has prepurchased \$10 million worth of time on the Cyber 205 for commercial research and development. Applications for computer time are welcome from any individual or organization from the private or public sector.

Control Data Corporation's Cyber 205 is in the class of systems called supercomputers because of its very high speed. Through the use of new hardware technology and method of operations called

vector processing, the supercomputer is able to perform functions many times faster than conventional computers. For example, a reservoir simulation model which took more than 21 minutes to run on a large mini-computer ran in 18 seconds on the Cyber 205.

Interested parties should contact SuperComputing Services (SCS), a department of the University of Calgary, for information and application forms.

The address is: SCS, Suite 390, 1620 29 Street N.W., Calgary, Alberta T2N 4L7. Telephone (403) 270-5451. □

Royal Archaeological Institute Invites Applications for Membership

The Royal Archaeological Institute, founded in 1843 and one of the oldest archaeological societies in the world, invites applications for membership.

The RIA (patron: Her Majesty Queen Elizabeth II), publishes the internationally-recognized *Archaeological Journal* annually and holds monthly meetings from October to May on Wednesdays in the rooms of the Society of Antiquaries at Burlington House, Picadilly, London. Topics covered at such meetings and in the annual journal cover many aspects of archaeology, architecture and art history. Members also have access, while in London, to the Library of the Society of Antiquaries at Burlington House.

In addition to library privileges and the *Archaeological Journal*, research grants are now becoming available to members with specific projects in mind. (Information on these grants is not currently available.)

Candidates for membership are elected by the RIA council, with sponsorship by members of the Institute. Ordinary membership in the Institute costs £10 p.a. The

Archaeological Journal is sent free of charge to members.

For further information and application forms, contact C.J. Simpson, Office of Public Affairs, 423 Athabasca Hall, 432-2325. □

The Telltale Heart

A free service provided by Campus Recreation is that of the Cooper 12-minute walk-jog-run test. Testing sessions, to be held on the Pavilion's track beginning 10 February, are designed to determine an individual's cardiovascular fitness.

Art Burgess says visitors can "qualify for a certificate (suitable for framing) and impress both friends and enemies." The certificate declares the holder's fitness level as of the test date.

Registrations are being taken at W-90 Van Vliet Physical Education and Recreation Centre.

Testing will be done on the following dates: 10 February, 12:10 p.m.; 11 February, 7 a.m.; 12 February, 7 a.m. and 4:45 p.m.; 13 February, 12:10 and 4:45 p.m. □

Have the Bears Got a Game For You

The Canadian National Hockey team will take on the University of Alberta Golden Bears Tuesday, 11 February.

The National team, coached by Dave King, boasts a lineup filled with top young National Hockey League draft choices. Bears' coach

Clare Drake predicts a very fast skating and exciting game.

The Bears will be the only Canadian university club that Team Canada will play this season. Game time is 7:30 p.m. at Varsity Arena. There will be a general admission charge of \$5. □



Don't we all wish, at some time, that we could turn back the clock and start all over again. We can't but "Chatty Cathy" can and did on 14 January at 2:53 p.m.—all the way from 100,000 hard-earned hours back to 0 (in human years it represents about 11.4 years). The UNIX operating system, or "Chatty Cathy" as it's affectionately called by those in Computing Science because of an early Votrax voice synthesizer, was one of the first three systems shipped outside of AT&T Bell Laboratories in 1973 (it was installed on a Digital Equipment of Canada (DEC) PDP 11/45). The DEC PDP 11/45 is still running UNIX but the department has expanded considerably, acquiring 18 computers or workstations with various versions of UNIX. At "Cathy's" party, Faculty Service Officer Steve Sutphen (seated) explained the visual graphic display of the numerous UNIX interconnected systems to (from left to right): Jim Peters, UNIX Marketing Manager, AT&T Canada; Lee White, Chairman of Computing Science; and Ted Feddema, Sales Representative, DEC.

Lisa Avedon: Women's Program Speaker, Faculty of Extension

1985 marked the official end to the United Nations International Decade for Women. The U.N. convened formal meetings in Nairobi, Kenya, in July 1985. Forum '85, the non-governmental organizations' meeting, was held alongside the U.N. meetings.

More than 15,000 women from around the world attended Forum '85, undoubtedly the largest gathering of women ever. Lisa Avedon, faculty member of Conestoga College in Ontario, attended Forum '85 as President of the Canadian Congress for Learning Opportunities for Women (CCLOW).

Ms. Avedon will speak at a public forum organized by the Women's Program, Faculty of Extension, and CCLOW on 14 February. She will show slides and discuss the

importance of what happened at Nairobi and the importance of international linkages. She will focus particularly on "Nairobi Forward-Looking Strategies", the document from the conference, to which Canada is a signatory.

Lisa Avedon has a BA in Sociology and Psychology from Milwaukee-Downer College, an MA in Adult Education from Columbia University, and is currently completing an EdD in Adult Education at the University of Toronto. Her dissertation research is on the coping strategies of job loss victims.

The forum, the second in a series of free public forums sponsored by the Women's Program, will start at 7:30 p.m. in 2-115 Education North. Child care is available on-site. □

GFC Committee on Writing Competence Petitions

Pending finalization of the details with regard to the establishment of the GFC Committee on Writing Competence Petitions, the Nominating Committee has been asked to seek nominees to fill the following vacancies which will occur on that Committee: two members of the academic staff and one undergraduate student to serve as regular members and two members of the academic staff and one undergraduate student to serve as alternate members.

The Committee on Writing Competence Petitions will hear petitions from students who have been refused permission to re-enroll in the University because they have not met the University writing competence requirements.

Would those who have suggestions for nominations or who are interested in serving on the GFC Committee on Writing Competence Petitions please contact Mrs. Pamela Plaskitt, Secretary to the GFC Nominating Committee, 2-5 University Hall, before **Tuesday, 11 February**. It would be appreciated if a *vitae* could accompany any nomination.

Talks

Comparative Literature and English

6 February, 1:30 p.m. Brian McHale, Department of Poetics and Comparative Literature, Tel Aviv University, "Masques of Postmodernism." Senate Chamber, Arts Building.
7 February, 1:30 p.m. Brian McHale, "Anti-novel and Anti-novel." 5-20 Humanities Centre.

CITL

6 February, 2:30 p.m. Steve Hunka, "Issues in Operating a Full-Length Credit Course in Computer-Assisted Instruction Mode." 2-101 Education North.
25 February, 2 p.m. Michael Gibbins, Director, Centre for the Advancement of Professional Accounting Education, "Curriculum Development in a Large Lecture Section: Happy But Wiser!" TB-W2 Tory Building.
26 February, 1 p.m. Roger Dugas, "Time Savers—Time Management." 5-04 Business Building.

Alberta Heritage Foundation for Medical Research

6 February, 3:30 p.m. Gloria V. Callard, Department of Biology, Boston University, "Role of Estradiol as a Parahormone in the Brain and Pituitary." B-121 Biological Sciences Building.

Entomology

6 February, 4 p.m. J. Lacoursiere, "Larvicidal Potency of *Bacillus Thuringiensis Israensis* on Blackflies and Non-Target Populations in the Laurentian Area of Quebec." TB-W1 Tory Breezeway.

Literary Theory Series

6 February, 4 p.m. C. Bullock, English, "Toward Feminist Rhetoric." 5-20 Humanities Centre.

Mathematics

6 February, 4 p.m. Manfred Golitschek, University of Wurzburg, "Extensions of the Bernstein Inequality." 657 CAB.

Biochemistry

7 February, noon. Gordon Mills, Hospital for Sick Children, Toronto, "Calcium and Protein Kinase C-Dependent and -Independent Mechanisms of T Lymphocyte Activation." 4-70 Medical Sciences Building.

Comparative Literature

7 February, 3 p.m. George Lang, "Creole Literature and the Concept of Literary Canon." Senate Chamber, Arts Building.
14 February, 3 p.m. Sonja Arntzen, "Buddhist Themes in Classical Japanese Poetry: The Question of Allegory." Senate Chamber, Arts Building.

Centre for Gerontology

7 February, noon. Sharon Warren, Director of Education/Research, Grandview Extended Care Centre, "Epidemiology of Alzheimer's Disease." Classroom F, MacKenzie Health Sciences Centre.

Zoology

7 February, 3:30 p.m. Ian P. Callard, Department of Biology, Boston University, "The Vertebrate Corpus Luteum and Evolution of Viviparity." M-149 Biological Sciences Building.
14 February, 3:30 p.m. John C. Avise, Department of Molecular and Population Genetics, University of Georgia, "Mitochondrial DNA and the Evolutionary Genetics of Higher Animals." M-149 Biological Sciences Building.

Plant Science

10 February, 1 p.m. Thomas Oddie, "Forage Establishment on Disturbed Strip Mine Soils." 1-06 Agriculture-Forestry Centre.
12 February, 1 p.m. Kris Pruski, "Low Temperature Preservation of Plant Cells." 1-06 Agriculture-Forestry Centre.
24 February, 1 p.m. Robert Hornford, "The Effect of Tillage and Cropping Systems

on the Potential Weed Flora." 1-06 Agriculture-Forestry Centre.
26 February, 1 p.m. Larry Gusta, Crop Development Centre, University of Saskatchewan, "The Limitations of Cold on Crop Production in Western Canada." 1-06 Agriculture-Forestry Centre.

Slavic and East European Studies

10 February, 3:30 p.m. Robert Orr, "Reflexives in Russian and Insular Scandinavian." 776 General Services Building.
24 February, 3 p.m. O. Zujewskyj, "Expressionism in the Works of Andreev." 776 General Services Building.

Guild for Medieval and Renaissance Studies

11 February, 3:30 p.m. F.D. Blackley, "The Crime of William Walcote: A Fourteenth-Century Swindle." TB-W2 Tory Breezeway.

English

11 February, 3:30 p.m. Philip Collins, "The Two Voices: Dickens and Tennyson as Spokesmen of Their Age." 5-20 Humanities Centre.
12 February, 4 p.m. Philip Collins, "A George Eliot Recital." L-3 Humanities Centre.
24 February, 4 p.m. Brent MacLaine, "Fleeing the Centre: Exploding the Text in Gravity's Rainbow." 5-20 Humanities Centre.

Forest Science

12 February, noon. Brian Braidwood, "A Model for the Evaluation and Management of Special Natural Features in Alberta." 4-1 Mechanical Engineering Building.

Library Association

12 February, 4 p.m. Andre Nittecki describes his three years in West Africa, in "Librarianship in the Third World: Is It Worth It?" L-2 Humanities Centre.

Botany

12 February, 4 p.m. Barbara Nicholson, "Peat Development at Mariana Lakes." M-149 Biological Sciences Building.
26 February, 4 p.m. Dennis Gignac, "The Effects of Metal Contamination on Peatlands Near Sudbury, Ontario." M-149 Biological Sciences Building.

Limnology and Fisheries Discussion Group

13 February, noon. Joel Elliott, "The Association Between the Grayling *Oxylebius Pictus* and Sea Anemones of the Genus *Tealia*." G-217 Biological Sciences Building.

Soil Science

13 February, 12:30 p.m. J.D. Lousier, Ecology Program Manager, B.C. Ministry of Forests, "Forest Research Priorities—A British Columbia Perspective." TB-W2 Tory Breezeway.

Slavic and East European Studies

14 February, 3:30 p.m. Annual Shevchenko Colloquy with guest speakers from the Ukrainian Soviet Socialist Republic—Vasyl' Borodin, Svitlana Iarmolenko, Roman Lubkiv'skyi (lectures in Ukrainian). 776 General Services Building.

Women's Program

14 February, 7:30 p.m. Lisa Avedon, University of Toronto, presentation and

slide-show, "Forward Looking Strategies." The Nairobi Conference, Where Do We Go From Here? 2-115 Education North.
26 February, 7:30 p.m. Myrna Kostash, "A Teenage Girl: Who Does She Think She Is?" 129 Education South.

Canadian Institute of Ukrainian Studies

21 February, 7:30 p.m. Andrij Hornjakewycz, "The Language of Kotliarevsky's 'Eneida' from a Comp Perspective" (in Ukrainian). Heritag Lounge, Athabasca Hall.

Canadian Society of Environmental Biologists (Alberta Chapter)

24 February, 5:30 p.m. Jennifer McQuaide-Cook, Corporate Planner, Alberta Special Waste Management Corporation, "Technological Aspects of Hazardous Waste Management." CW-410 Biological Sciences Building.

Classics

25 February, 3:30 p.m. P. Vivante, McGill University, "Homer's Sense of Time." 1-8 Humanities Centre.
26 February, 11 a.m. P. Vivante, "Homer's Sense of Time." 1-7 Humanities Centre.

Films

Germanic Languages

12 February, 7:30 p.m. "Quick" (1932). Admission free. Arts 17.
26 February, 7:30 p.m. "Flüchtlinge" (1933). Admission free. Arts 17.

The Arts

Studio Theatre

Until 8 February. Shakespeare's "Love's Labour's Lost"—directed by Bernard Hopkins, currently Artist-in-Residence,

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Department of Drama. Tickets available from the Studio Theatre Box Office, 432-2495.

Théâtre Français d'Edmonton

Until 9 February. "Hé! Bonjour de la Fontaine!" Further information and tickets: 469-0829.

Bruce Peel Special Collections

1 April. "From Impressionism to Surrealism"—European artists as represented in coffee table books and catalogues raisonnés.
Until 30 April. "Sketches in the Canada"—23 hand-colored lithographic plates, sumptuously produced by Coke Smyth in 1842. This rare portfolio is the most sought after volume of plates published on Canada.

Edmonton Film Society

10 February, 8 p.m. International Series—"I Married A Shadow" (France). TL-11 Tory Lecture Theatre.
17 February, 8 p.m. "Medea" (Italy). TL-11 Tory Lecture Theatre.

SUB Theatre

7 and 8 February, 8 p.m. Orchesis, the University's creative dance club, presents "Dance Motif '86." 432-5601.
9 February, 8 p.m. "Commando" (1985).
10 February, 8 p.m. The Edmonton Opera Association presents (from the Banff School of Fine Arts) the touring production of "The Government Inspector", a musical by Nikolai Gogol. 482-7030.

14 February, 8 p.m. Yardbird Productions presents "Doc Watson." 433-4763.
15 February, 8 p.m. "Clue" (1985).
16 February, 8 p.m. "National Lampoon's—European Vacation" (1985).
21 February, 8 p.m. "Pee-wee's Big Adventure" (1985).
22 February, 7:30 p.m. Chinese Students' Association presents "China Night." Visit the CSA Office, 030 U SUB, for tickets and information.
23 February, 8 p.m. "To Live and Die in L.A." (1985).

Music

The following events will take place in Convocation Hall.
7 and 8 February, 8 p.m. Annual Opera Workshop Production: "The Consul" by Menotti. Directors: Alan Ord and Alfred Strombergs. Tickets available at the door, or in advance from the Department of Music, 3-82 Fine Arts Building. \$3.50—students/seniors; \$6—adults.
27 February, 8 p.m. Senior Student Recital—Sandra Butner, flute.

The Edmonton Chamber Music Society

12 February, 8 p.m. "Shauna Rolston and the Colorado String Quartet." Admission by season membership. 433-8102.

Ring House Gallery

13 February to 16 March.
"Rituals/Systems"—the work of five Alberta artists.

Courtyard Concert Series

13 February, 12:15 p.m. Tim Hankewich, piano. Fourth Level East Atrium, Walter C. Mackenzie Health Sciences Centre.
27 February, 12:15 p.m. Cheryl Charuk, vocalist. Fourth Level East Atrium,

Walter C. Mackenzie Health Sciences Centre.

Musicians' Chamber Music Appreciation Society

13 February, 8 p.m. The Debut String Quartet and Janet Scott-Hoyt, pianist. Convocation Hall.

Broadcasts

Radio

Programs broadcast on CKUA radio 580 AM and 94.9 FM.
8 February, 7 p.m. "University Concert Hall."
15 February, 7 p.m. "University Concert Hall."

Programs broadcast on CJRS radio 88.5 FM.
9 February, 10:20 a.m. "Science Digest—Chemosystematics."
16 February, 10:20 a.m. "Paper Tygers—On Publishing and Publishers."

Sports

7 February, 6:30 p.m. Volleyball—Pandas vs. University of Lethbridge.
7 February, 8 p.m. Volleyball—Bears vs. University of Lethbridge.
8 February, 6:30 p.m. Volleyball—Pandas vs. University of Calgary.
8 February, 8 p.m. Volleyball—Bears vs. University of Calgary.
8 February, 8 a.m. to 4 p.m. Swimming (Men and Women)—Golden Bear Invitational.
11 February, 7:30 p.m. Hockey—Bears vs. Canadian Olympic Team.
14 February, 6:45 p.m. Basketball—Pandas vs. University of Lethbridge.
14 February, 7:30 p.m. Hockey—Bears vs. University of Saskatchewan.
14 February, 8:30 p.m. Basketball—Bears vs. University of Lethbridge.
15 February, 6:45 p.m. Basketball—Pandas vs. University of Calgary.
15 February, 7:30 p.m. Hockey—Bears vs. University of Saskatchewan.
15 February, 8:30 p.m. Basketball—Bears vs. University of Calgary.

Research Grants in Mental Retardation for Graduate Students

Donor: The National Institute on Mental Retardation through the support of the Scottish Rite Charitable Foundation of Canada. **Where tenable:** Canadian universities. **Level:** Doctoral. **Field:** A broad range of fields relating to human services and mental retardation. **Value:** Up to \$8,000. **Number:** Unspecified. **Duration:** Academic year 1986-87. (Can be renewed if the research projects show results and can be published in related journals.) **Conditions:** Must be post-graduate students enrolled in doctoral programs at Canadian universities; Canadian citizens or permanent residents; must state intent to pursue a career in Canada; must have definite research projects supported by an academic adviser or an NIMR associate or consultant; must be prepared to forward reports and/or publish their results. **Closing date:** 30 April 1986. **Further information and application forms should be requested from:** The Secretary, Bursaries and Grants Adjudicating Committee, National Institute of Mental Retardation, Kinsmen NIMR Building, York University Campus, 4700 Keele Street, Downsview, Ontario M3J 1P3. Telephone: (416) 661-9611.

Positions

The University of Alberta is committed to the principle of equal opportunity in employment and encourages applications from all qualified people.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

Senior Instructor, Department of Elementary Education, Spring Session 1986

The Department of Elementary Education is seeking a senior instructor for Spring Session 1986 to teach Ed CI 533 Special Seminar: Play as Curriculum Medium, 2 to 20 June.

Qualifications should include: intensive cross-sectional research on play experiences; experience in implementing play-based curriculum in programs for young children; work with in-service and pre-service teachers on the uses of play as a teaching strategy; preparation of print and visual materials related to play that can be used in teacher education institutions.

Responsibilities for instruction include the coordination of relevant laboratory experiences in a school setting.

Salary at the professor level is \$2,586.

Closing date for accepting applications is 31 March 1986. Applications accompanied by curriculum vitae and relevant scholarly papers should be sent to: Dr. W.D. Wilde, Chairman, Department of Elementary Education, University of Alberta, Edmonton, Alberta T6G 2G5.

Non-Academic

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assinboia Hall, telephone 432-5201. These vacancies cannot be guaranteed beyond 31 January 1986.

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Bursaries for Graduate Students Interested in the Field of Mental Retardation

Donor: The National Institute on Mental Retardation through the support of the Scottish Rite Charitable Foundation of Canada. **Where tenable:** Canadian universities. **Level:** Post-graduate. **Field:** A broad range of fields relating to human services and mental retardation. **Value:** Up to \$1,500. **Number:** Unspecified. **Duration:** Academic year 1986-87. **Conditions:** Must be accepted into full-time graduate programs in Canadian universities; Canadian citizens or permanent residents; recommended by the Provincial Association for the Mentally Retarded in their province. **Closing date:** 30 March 1986 to their Provincial Association. **Further information and application forms should be requested from:** Students must apply directly to their Provincial Association for the Mentally Retarded or through their local Association: Alberta Association for the Mentally Retarded, 11728 Kingsway Avenue, Edmonton, Alberta T6G 0X5. Telephone: 451-3055.

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 Clerk Steno III (Trust), International Briefing Centre, (\$1,326-\$1,666)
 Data Entry Operator II, Computing Services, (\$1,371-\$1,739)
 Dental Assistant II (Recurring Term), Dentistry, (\$1,425-\$1,810)
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 Administrative Clerk, Computing Science, (\$1,478-\$1,888)
 Food Services Assistant (Part-Time), Housing and Food Services, (\$970-\$1,200)
 Building Services Worker III, Physical Plant (Building Services), (\$1,478-\$1,888)
 Administrative Assistant I, Linguistics, (\$1,888-\$2,437)
 Accounting Assistant, Housing and Food Services, (\$1,888-\$2,437)
 Electronics Technician IV, Computing Science, (\$2,237-\$3,036)

For vacant Library positions, please contact the Library Personnel Office, Basement, Cameron Library, 432-3339.

Advertisements

Accommodations available

For rent - In Mill Creek area, near University and downtown. Two-bedroom, furnished apartment. Lovely grounds, garage. Available six months from 1 April. 433-7531.
 Sale - City residential lots. Some ravine. \$49,000 up. Buy now. Ask for Pat or Chris, 436-5250, 433-5664. Spencer's.
 Sale - 160 acres, \$25,900. Close to Long Lake. Good fishing. Ask for Chris or Pat, 436-5250, 437-6540. Spencer's.
 Sublet - Spacious, furnished house, two blocks from University. 1 March for 6-8 months. Five appliances, two cats, piano. \$375/month and half utilities. Non-smoker, shared accommodation. 439-5148.
 Rent - Mountain chalet. Ideal for up to six persons. Kitchen, hot tub, excellent dining room nearby. By day or week. Overlooking Jasper Park Gate. 435-6504.
 Sale - Grandview. Big trees, lovely yard. Custom-built. Double garage. Ask for Pat, 437-6540, 436-5250. Spencer's.
 Rent - 108 St. 82 Ave. 750 sq. ft., two-floor office space. Ready to move in, very reasonable. Call Goetz, 439-0035. Crescent Realty.

Sale - Windsor Park. Exclusive. Tall trees, charming bungalow on big lot. Ask for Pat von Borstel, 436-5250, Spencer's. 437-6540 res.

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For sale - Belgravia, new listing! Immaculate, two-bedroom bungalow. Fantastic location, hardwood floors, dining room. Asking \$90,000. Ed Lastiwka, LePage, 437-7480, 437-4984.
 For sale - Belgravia. Four-bedroom semi. Super location. Fireplace. Asking \$88,500. Ed Lastiwka, LePage, 437-7480, 437-4984.
 For sale - Belgravia. Spacious, three-bedroom bungalow. Main floor family room, excellent location. Asking \$109,500. Ed Lastiwka, LePage, 437-7480, 437-4984.

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UBC law professor requires furnished, three-bedroom house. 1 July 1986-30 June 1987. Call 604-228-8104 after 6 p.m.

Lawyer requires furnished accommodation for one year from approximately 1 September 1986. 455-9505.

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Panel Discussion:
Thursday, February 13 at 7:30 pm,
Room 2-20, Fine Arts Building.
Guest curator Liz Wylie will be the moderator for the evening.